

SEQUENCE LISTING

<110> Donoho, Gregory
Turner, C. Alexander Jr.
Nehls, Michael
Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Human Proteins and Polynucleotides
Encoding the Same

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<150> US 60/160,285

<151> 1999-10-19

<150> US 60/183,583

<151> 2000-02-18

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<213> homo sapiens

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 405 410 415
 Leu Val Phe Ala Gly Met Gly Ile Phe Ala Ala Phe Arg Lys Lys Lys
 420 425 430
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 435 440 445
 Trp Lys Gln Ile Lys Tyr Pro Phe Ala Arg His Gln Ser Ala Glu Phe
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 Val Pro Gly Ala Arg Gly Gly Gly Ala Leu Ala Arg Ala Ala Gly Arg
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 Gly Leu Leu Ala Leu Leu Leu Ala Val Ser Ala Pro Leu Arg Leu Gln
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 Ala Glu Glu Leu Gly Asp Gly Cys Gly His Leu Val Thr Tyr Gln Asp
 85 90 95
 Ser Gly Thr Met Thr Ser Lys Asn Tyr Pro Gly Thr Tyr Pro Asn His
 100 105 110
 Thr Val Cys Glu Lys Thr Ile Thr Val Pro Lys Gly Lys Arg Leu Ile
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 145 150 155 160
 Ser Met Thr Val Pro Lys Glu Leu Leu Leu Asn Thr Ser Glu Val Thr
 165 170 175
 Val Arg Phe Glu Ser Gly Ser His Ile Ser Gly Arg Gly Phe Leu Leu
 180 185 190
 Thr Tyr Ala Ser Ser Asp His Pro Asp Leu Ile Thr Cys Leu Glu Arg
 195 200 205
 Ala Ser His Tyr Leu Lys Thr Glu Tyr Ser Lys Phe Cys Pro Ala Gly
 210 215 220
 Cys Arg Asp Val Ala Gly Asp Ile Ser Gly Asn Met Val Asp Gly Tyr
 225 230 235 240
 Arg Asp Thr Ser Leu Leu Cys Lys Ala Ala Ile His Ala Gly Ile Ile
 245 250 255
 Ala Asp Glu Leu Gly Gly Gln Ile Ser Val Leu Gln Arg Lys Gly Ile
 260 265 270
 Ser Arg Tyr Glu Gly Ile Leu Ala Asn Gly Val Leu Ser Arg Asp Gly
 275 280 285
 Ser Leu Ser Asp Lys Arg Phe Leu Phe Thr Ser Asn Gly Cys Ser Arg
 290 295 300
 Ser Leu Ser Phe Glu Pro Asp Gly Gln Ile Arg Ala Ser Ser Ser Trp
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 Ala Arg Leu Gln Asp Gln Gly Pro Ser Trp Ala Ser Gly Asp Ser Ser
 340 345 350
 Asn Asn His Lys Pro Arg Glu Trp Leu Glu Ile Asp Leu Gly Glu Lys
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 Lys Lys Ile Thr Gly Ile Arg Thr Thr Gly Ser Thr Gln Ser Asn Phe
 370 375 380
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 Gln Gly Asn Ser Asn Phe Arg Asp Pro Val Gln Asn Asn Phe Ile Pro
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 Pro Ile Val Ala Arg Tyr Val Arg Val Val Pro Gln Thr Trp His Gln
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 465 470 475 480
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 485 490 495
 Thr Ser Thr Gly Ile Asn Ile Thr Thr Val Ala Ile Pro Leu Val Leu
 500 505 510
 Leu Val Val Leu Val Phe Ala Gly Met Gly Ile Phe Ala Ala Phe Arg
 515 520 525
 Lys Lys Lys Lys Lys Gly Ser Pro Tyr Gly Ser Ala Glu Ala Gln Lys
 530 535 540
 Thr Asp Cys Trp Lys Gln Ile Lys Tyr Pro Phe Ala Arg His Gln Ser
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His Thr Val Cys Glu Lys Thr Ile Thr Val Pro Lys Gly Lys Arg Leu
65 70 75 80
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85 90 95
Asp Tyr Leu Leu Phe Thr Ser Ser Ser Asp Gln Tyr Gly Pro Tyr Cys
100 105 110
Gly Ser Met Thr Val Pro Lys Glu Leu Leu Leu Asn Thr Ser Glu Val
115 120 125
Thr Val Arg Phe Glu Ser Gly Ser His Ile Ser Gly Arg Gly Phe Leu
130 135 140
Leu Thr Tyr Ala Ser Ser Asp His Pro Asp Leu Ile Thr Cys Leu Glu
145 150 155 160
Arg Ala Ser His Tyr Leu Lys Thr Glu Tyr Ser Lys Phe Cys Pro Ala
165 170 175
Gly Cys Arg Asp Val Ala Gly Asp Ile Ser Gly Asn Met Val Asp Gly
180 185 190
Tyr Arg Asp Thr Ser Leu Leu Cys Lys Ala Ala Ile His Ala Gly Ile
195 200 205
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225 230 235 240
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245 250 255
Arg Ser Leu Ser Phe Glu Pro Asp Gly Gln Ile Arg Ala Ser Ser Ser
260 265 270
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275 280 285
Gln Ala Arg Leu Gln Asp Gln Gly Pro Ser Trp Ala Ser Gly Asp Ser
290 295 300
Ser Asn Asn His Lys Pro Arg Glu Trp Leu Glu Ile Asp Leu Gly Glu
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Lys Lys Lys Ile Thr Gly Ile Arg Thr Thr Gly Ser Thr Gln Ser Asn
325 330 335
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340 345 350
Ser Lys Trp Lys Thr Tyr Lys Gly Ile Val Asn Asn Glu Glu Lys Val
355 360 365
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370 375 380
Pro Pro Ile Val Ala Arg Tyr Val Arg Val Val Pro Gln Thr Trp His
385 390 395 400
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Gly Asn Asp Ser Leu Val Trp Arg Lys Thr Ser Gln Ser Thr Ser Val

420 425 430
 Ser Thr Lys Lys Glu Asp Glu Thr Ile Thr Arg Pro Ile Pro Ser Glu
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 Glu Thr Ser Thr Gly Ile Asn Ile Thr Thr Val Ala Ile Pro Leu Val
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 465 470 475 480
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 485 490 495
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